



# Recombinant Escherichia coli Xaa-Pro aminopeptidase (pepP)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-MP323335ENV   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | P15034  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli (strain K12)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | SEISRQEFQ RRRQALVEQM QPGSAALIFA APEVTRSADS EYPYRQNSDF<br>WYFTGFNEPE AVLVLKSDS THNHSVLFNR VRDLTAEIWF GRRLGQDAAP<br>EKLGVDRALA FSEINQQLYQ LLNGLDVVYH AQGEYAYADV IVNSALEKLR<br>KGSRQNL TAP AT MIDWRPVV HEMRLFKSPE EIAVLR RAGE ITAMA HTRAM<br>EKCRPGMFEY HLEGEIHHEF NRHGARYPSY NTIVGSGENG CILHYTENEC<br>EMRDGDLVLI DAGCEYKGYA GDITRTFPVN GKFTQAQREI YDIVLESLET<br>SLRLYRPGTS ILEV TGEVVR IMVSGLVKLG ILKGDVDELI AQNAHRPFFM<br>HGLSHWLGLD VHDVGVYGD RSRILEPGMV LTVEPGLYIA PDAEVPEQYR<br>GIGIRIEDDI VITETGNENL TASVVKKPEE IEALMVAARK Q |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | pepP  |
| <b>Protein Names</b>     | Recommended name: Xaa-Pro aminopeptidase EC= 3.4.11.9 Alternative name(s): Aminoacylproline aminopeptidase Aminopeptidase P II Short name= APP-II X-Pro aminopeptidase  |
| <b>Expression Region</b> | 2-441   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.   |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |